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(74) Agent: **KRATZ, William, G., Jr.**; Armstrong, Kratz, Quintos, Hanson & Brooks, LLP, Law & Finance Bldg., Suite 707, 429 Fourth Avenue, Pittsburgh, PA 15219 (US).

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(71) Applicants (for all designated States except US): **S.A. SNC-LAVALIN EUROPE N.V.** [BE/BE]; Avenue Louise 251, Box 16, B-1050 Brussels, Belgium (BE). **CARMEUSE NORTH AMERICA SERVICES, INC.** [US/US]; 11 Stanwix Street, Pittsburgh, PA 15222 (US).

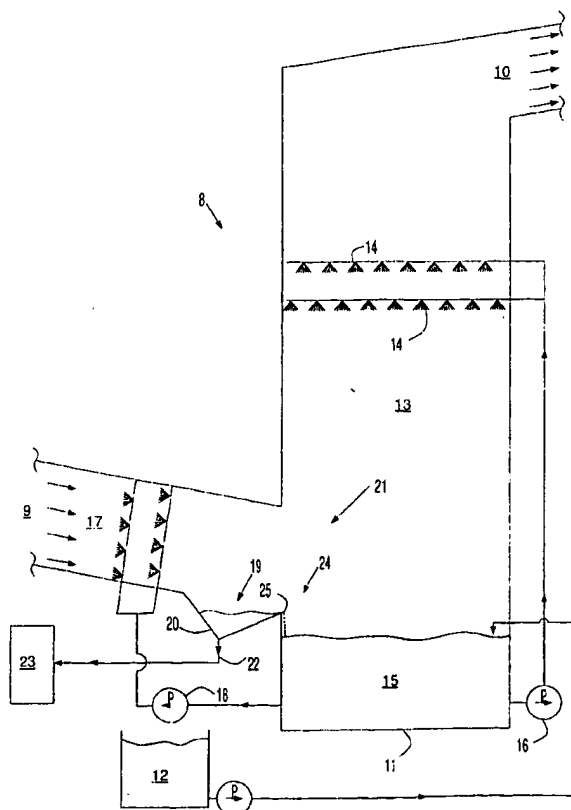
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(71) Applicants and  
(72) Inventors: **ENGLEBERT, Benoit** [BE/BE]; Tronkstraat 17, B-1860 Meise Belgium (BE). **BLAUTE, Gerard** [BE/BE]; 104 Rue de Familleureux, B-7190 Ecaussinnes (BE). **SMITH, Kevin, J.** [US/US]; 111 Watson Drive, Monongahela, PA 15063 (US).

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(54) Title: GAS QUENCH AND SCRUBBER DRAW-OFF SYSTEM



(57) Abstract: A gas desulfurization scrubbing system for removing sulfur oxides from gases, such as those of fossil fuel burning operations or other manufacturing process emitting sulfur oxides, and for collecting reaction products of the desulfurization chemical reactions. A quenching section is disposed in a gas duct upstream of a gas desulfurization scrubbing tower and a scrubbing slurry is provided at that section for quenching and chemically reacting with the gas. A quench reaction product is collected, at a location between the quenching section and the scrubbing tower, for use in making commercial by-products, such as gypsum.

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